

Figure 1

LTBP2: latent transforming growth factor beta binding protein 2

human vs mouse

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(SEQ ID NO. 5) GPA018  1 qrdpvgryepaggdanrlrrpggsypaaaaakvyslfreqdapvaglqp 50
                        ||| :||| ||| | |||:||||| ||| |||
(SEQ ID NO. 6) mLTBP2 56 qrdsigryepasrdanrlwhpvqshpaaaaakvyslfrepdapvpglsp 105
                        51 eraqpgwgsprprpteaaearpsraqsrr 79
                        / || |. | ||||| | || |
                        106 ewnqpaaqgnpgwlaeaaearrprrtqqlrr 134

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hypothetical protein XP_097406

No match in mouse

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(SEQ ID NO. 7) GPA019  1 atlggpeeestienyasrpe.....afkade flnwhalfes 36
                        ||||| ||||| |||||
(SEQ ID NO. 8) XP_097406 23 atlggpeeestienyasrpeafntpflnidklrsafkade flnwhalfes 72
                        37 ikrklpflnwda fpklglsatpdaq 63
                        ||||| ||||| |||||
                        73 ikrklpflnwda fpklglsatpdaq 99

(SEQ ID NO. 9) GPA020  1 atlggpeeestienyasrpeafntpflnidklr.afkade flnmhalfes 49
                        ||||| ||||| ||||| |||||
(SEQ ID NO. 8) XP_097406 23 atlggpeeestienyasrpeafntpflnidklrsafkade flnwhalfes 72
                        50 ikrklpflnwda fpklglsatpdaq 76
                        ||||| ||||| |||||
                        73 ikrklpflnwda fpklglsatpdaq 99

```

ANGPTL1: angiopoietin-like 1

human vs mouse

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(SEQ ID NO. 10) GPA022  1 CAYTFLVPEQRITGPICVNTKGGDASTIKDMITRMDLENLKDVLSRQKR. 49
                        ||||| ||||| |||||
(SEQ ID NO. 12) mANGPTL1 1 CSYTFLVPEQNTGPICVNTKGGDAGTIKDmitrmdlenlkdvlsrqkre 20
                        ||||| ||||| |||||
                        Translated mouse 5' sequence (SEQ ID NO. 11)

(SEQ ID NO. 13) GPA023  51 stikemitrmdlenlkdvlsrqkr..... 74
                        ||||| ||||| |||||
(SEQ ID NO. 14) mANGPTL1 1 .....mitrmdlenlkdvlsrqkreidvlqlvvdvgnivnevkllrkes 45
                        ||||| ||||| |||||

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Human precursor sequence